

Title (en)

CONTROL LEVER ARTICULATION OF AN ELECTRICAL SWITCH

Publication

EP 0273805 B1 19910717 (FR)

Application

EP 87402714 A 19871201

Priority

FR 8616930 A 19861203

Abstract (en)

[origin: US4810839A] The present invention relates to an electrical switch of the type comprising a housing provided with a plurality of electrical contacts and carrying a control lever (300) capable of being displaced in rotation about its longitudinal axis (302) and about two transverse axes (210 and 220) in order to perform first, second, and third switching functions respectively when the lever rotates. According to the invention, the switch includes a ball (200) mounted to pivot inside the housing about the two transverse axes (210 and 220), with the ball (200) having a through channel (240) in which the lever (300) is received free to rotate about its longitudinal axis (302), the switch further including a clevis (400) mounted on the ball (200) to follow the ball when it pivots about the secondary axis (220) while allowing the ball (200) to pivot relative to the clevis (400) when the ball (200) is caused to pivot about the main axis (210). The lever is also preferentially capable of translation parallel to its longitudinal axis in order to operate a fourth switching function.

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IPC 8 full level

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Cited by

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